AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A method for reducing a pro-multiple sclerosis (pro-MS) immune response in an individual, the method comprising administering to an individual a composition, wherein the composition comprises an affinity ligand which selectively binds to a B cell determinant, wherein the B cells targeted by the method and by the composition are nonmalignant B cells, and wherein the composition is administered in an amount effective to deplete B cells.

2. (Amended) The method according to claim 1, wherein the nonmalignant B cells are B cells selected from the group consisting of mature B cells and memory B cells, $CD19^{+}sTn^{+}$ B cells, $CD19^{+}CD21^{+}sTn^{+}$ B cells, and $CD19^{+}CD5^{+}sTn^{+}$ B cells, or a combination thereof.

4. (Amended) The method according to claim 1, wherein the composition is administered parenterally, or in a site directed method in which the composition is delivered into an access that directly supplies central nervous tissue undergoing demyelination.

5. (Amended) The method according to claim 1, wherein the composition further comprises an additional component selected from the group consisting of one or more chemotherapeutic agents, an anti-inflammatory agent, a cytolytic agent, and a pharmaceutically acceptable carrier, or a combination thereof.

6. (Amended) A site-directed method for reducing a pro-multiple sclerosis (pro-MS) immune response in an individual, the method comprising administering to an individual a composition, wherein the composition comprises an affinity ligand which selectively binds to a B cell determinant, wherein the B cells targeted by the method and by the composition are nonmalignant B cells, wherein the composition is delivered into

an access that directly supplies central nervous tissue undergoing demyelination, and wherein the composition is administered in an amount effective to deplete B cells.

A2

7. (Amended) The method according to claim 6, wherein the nonmalignant B cells are B cells selected from the group consisting of mature B cells and memory B cells, $CD19^+sTn^+$ B cells, $CD19^+CD21^+sTn^+$ B cells, and $CD19^+CD5^+sTn^+$ B cells, or a combination thereof.

9. (Amended) The method according to claim 6, wherein the composition further comprises an additional component selected from the group consisting of one or more chemotherapeutic agents, an anti-inflammatory agent, a cytolytic agent, and a pharmaceutically acceptable carrier, or a combination thereof.

A3

10. (Amended) A method for reducing a pro-multiple sclerosis (pro-MS) immune response in an individual, the method comprising administering to an individual a composition, wherein the composition comprises an affinity ligand which selectively binds to a B cell determinant, wherein the B cells targeted by the method and by the composition are nonmalignant B cells, wherein the composition is administered intravenously, and wherein the composition is administered in an amount effective to deplete B cells.

11. (Amended) The method according to claim 10, wherein the nonmalignant B cells are B cells selected from the group consisting of mature B cells and memory B cells, $CD19^+sTn^+$ B cells, $CD19^+CD21^+sTn^+$ B cells, and $CD19^+CD5^+sTn^+$ B cells, or a combination thereof.

A4

13. (Amended) The method according to claim 10, wherein the composition further comprises an additional component selected from the group consisting of one or more chemotherapeutic agents, an anti-inflammatory agent, a cytolytic agent, and a pharmaceutically acceptable carrier, or a combination thereof.

14. (Amended) A method for treating an individual having multiple sclerosis (MS) and a pro-MS immune response, or having a pro-MS immune response, the method comprising administering to an individual a composition, wherein the composition comprises an affinity ligand which selectively binds to a B cell determinant, wherein the B cells targeted by the method and by the composition are nonmalignant B cells, and wherein the composition is administered in an amount to effect a reduction in inflammation underlying clinical manifestations of MS.

15. (Amended) The method according to claim 14, wherein the nonmalignant B cells are B cells selected from the group consisting of mature B cells and memory B cells, $CD19^{+}sTn^{+}$ B cells, $CD19^{+}CD21^{+}sTn^{+}$ B cells, and $CD19^{+}CD5^{+}sTn^{+}$ B cells, or a combination thereof.

17. (Amended) The method according to claim 14, wherein the composition further comprises an additional component selected from the group consisting of one or more chemotherapeutic agents, an anti-inflammatory agent, a cytolytic agent, and a pharmaceutically acceptable carrier, or a combination thereof.